

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 7736 (1975): Screw, Myoma [MHD 3: Obstetric and Gynaecological Instruments and Appliances]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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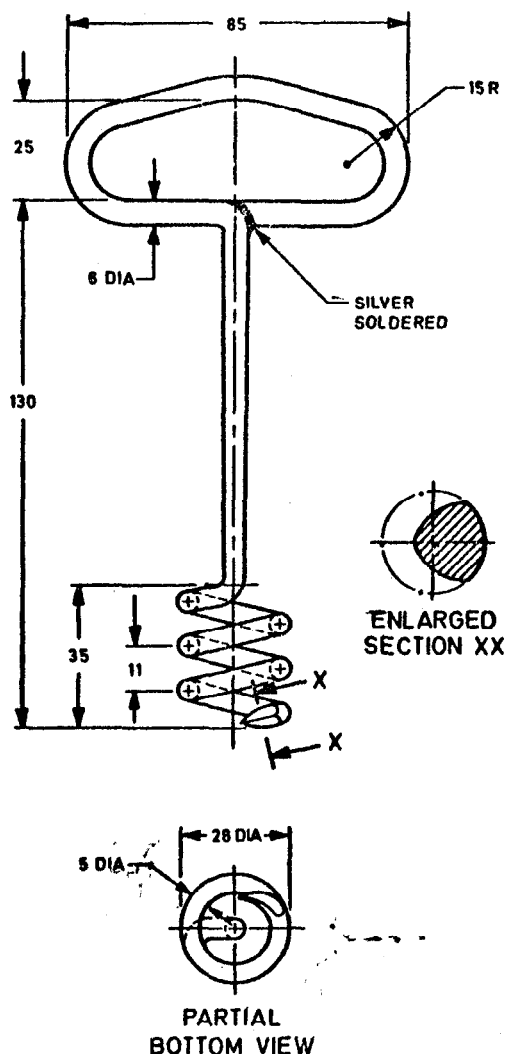


Indian Standard
SPECIFICATION FOR
SCREW, MYOMA

“पुनर्विष्ट १९९२”
“RE-AFFIRMED 1992”

1. **Scope** — Dimensional and other requirements for myoma screw used in obstetrics.

2. **Shape and Dimensions** — As shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 SCREW, MYOMA

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

3. **Material** — Stainless steel conforming to Designation 20Cr13 or 30Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

4. **Workmanship and Finish**

4.1 The myoma screw shall be free from burrs, pits, cracks, scales and other defects.

4.2 The myoma screw shall be polished bright and passivated.

5. Heat Treatment — The myoma screw shall be hardened and tempered to give a hardness of 400 to 460 HV.

6. Tests

6.1 Corrosion Resistance — The myoma screw shall satisfy the boiling and autoclaving test as described in IS : 7531-1975 'Method of boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'.

6.2 Subject to agreement between the purchaser and the supplier the instrument may be put to the test given in 6.2.1.

6.2.1 Copper Sulphate Test — Scrub the sample with soap and warm water, rinse in hot water and then dip in 95 percent ethyl alcohol. Dry the sample. Immerse in copper sulphate solution at room temperature for 6 min and wash off with fresh water or wet cotton wool. Composition of the solution shall be as follows:

Copper sulphate ($\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$)	4.0 g
Sulphuric acid (H_2SO_4) (sp gr 1.84)	10.0 g
Distilled water [see IS : 1070-1960 Specification for water, distilled quality (revised)]	90.0 ml

No red stains or spots on the sample shall be allowed but dulling of the polished surface shall be permitted.

7. Marking — Mark with the following:

- Manufacturer's name, initials or recognized trade-mark; and
- The words ' Stainless Steel '.

7.1 ISI Certification Marking — Details available with the Indian Standards Institution.

8. Packing — The myoma screw shall be wrapped in moisture-proof paper or packed in polyethylene bags. The myoma screw shall then be packed in cartons. The myoma screw may also be packed as agreed to between the purchaser and the supplier.